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TECHNICAL MEMORANDUM

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A Bibliography on Information Science
and Technology for 1966. Part III.

By

Frances Neeland

25 November 1966

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Abstract

The primary aim of this continuing bibliography is to assist the authors of the chapters in "Annual Review of Information Science and Technology" in discovering the existence or determining the identity of documents relevant to their topics. The style of entries also reflects the author's requirements. The "Abbreviations and Index for Periodicals Cited" is cumulative for parts I through III.

Preface

The National Science Foundation has awarded a grant to the American Documentation Institute to support the establishment of the series, "Annual Review of Information Science and Technology." The System Development Corporation is providing general technical support to ADI, with Dr. Carlos A. Cuadra serving as Editor.

The abbreviations for the periodical titles in this document are based on the rules in "American Standard for Periodical Title Abbreviations," (Z 39.5-1963)

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(WOOSTER, HAROLD see Ref. 1443 yy)
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(YNGVE, VICTOR H. see Ref. 1220 m)
1495. ZIEGLER, JAMES R. Integration of Multiple, On-Line User Stations. Data Process. Mag., 8 (Aug. 1966) 46-48.
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ABBREVIATIONS & INDEX FOR PERIODICALS CITED¹

ADI Newslett.--American Documentation Institute Newsletter
[665; 703; 774; 838; 846; 927]

Admin. Manage.--Administrative Management
[867]

AIA Bull.--American Library Association Bulletin
[189; 270; 699; 767; 802; 860] 1058; 1393; 1420; 1427

Amer. Antiq.--American Antiquity
1060

Amer. Archiv.--American Archivist
1131

Amer. Behav. Sci.--American Behavioral Scientist
[206] 1150; 1178; 1259; 1330; 1464

Amer. Doc.--American Documentation
[56; 108; 120; 134; 153; 158; 174; 235; 247; 252; 297; 299; 312; 314; 348;
434; 461; 534; 615; 616; 657; 720; 758; 769; 868; 922] 1047; 1159; 1317;
1415; 1425; 1469; 1478

Amer. Educ.--American Education
[548]

Amer. J. Hosp. Pharm.--American Journal of Hospital Pharmacy
[587; 593; 603; 636; 656; 757; 849; 923; 971]

Amer. J. Pathol.--American Journal of Pathology
[292]

Amer. J. Pub. Health--American Journal of Public Health
[479]

Amer. Polit. Sci. Rev.--American Political Science Review
1056

Amer. Psychol.--American Psychologist
[104; 328] 1373

Ann. Libr. Sci. Doc.--Annals of Library Science and Documentation
[208; 245]

¹References to items in Parts I and II of this bibliography are indicated by [].

Appl. Opt.--Applied Optics
[26; 229]

Arch. Pathol.--Archives of Pathology
[945]

Ariz. Law Rev.--Arizona Law Review
[842]

Army Inform. Dig.--Army Information Digest
[501]

Aslib Proc.--Aslib Proceedings
[569; 613; 634; 791; 794] 1173; 1186; 1187; 1263; 1264; 1279; 1313; 1481;
1490

Austral. Libr. J.--Australian Library Journal
[110]

Automation
[466; 505; 780]

Automaz. Automat.--Automazione e Automatism
[979]

Babel
[121]

Banking
[560]

Battelle Tech. Rev.--Battelle Technical Review
[441] 1106; 1248

Behav. Sci.--Behavioral Science
1148; 1160; 1377

Bell Lab. Rec.--Bell Laboratories Record
[943] 1399

Bibliogr. Doc. Terminol.--Bibliography, Documentation, Terminology
[480]

BioScience
[4] 1258

Books
1209

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Büch. Bild.--Bücherei und Bildung
1168

Bull. Ass. Int. Doc.--Bulletin de l'Association Internationale des
Documentalistes
1337

Bull. At. Sci.--Bulletin of the Atomic Scientists
[962]

Bull. Bibl. Fr.--Bulletin de Bibliothèques de France
[283] 1054

Bull. Louisiana Libr. Assn.--Bulletin of the Louisiana Library Association
[574]

Bull. Med. Libr. Ass.--Bulletin of the Medical Library Association
[154; 575; 671; 782; 887; 888; 893; 907] 1040; 1182; 1275

Bull. Oper. Res. Soc. Amer.--Bulletin of the Operations Research Society
of America
1365

Bus. Automat.--Business Automation
[8; 303] 1036; 1069; 1108; 1141; 1142; 1169; 1333; 1423

Bus. Manage.--Business Management
[811]

Bus. Quart.--Business Quarterly
[547]

Bus. Week--Business Week
[532; 610; 673; 733] 1147

Chart. Mech. Eng.--Chartered Mechanical Engineering
[557]

Chem. Brit.--Chemistry in Britain
[729]

Chem. Can.--Chemistry in Canada
[319]

Chem. Eng.--Chemical Engineering
[516] 1364

Chem. Eng. News--Chemical and Engineering News
[724] 1078; 1079

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Chem. Eng. Progr.--Chemical Engineering Progress
[531; 644]

Chem. Lit.--Chemical Literature
[487]

City Univ. N. Y. Grad. Newslett.--City University of New York Graduate
Newsletter
[446]

Civil Eng.--Civil Engineer
[639]

Coll. Res. Libr.--College & Research Libraries
[79; 93; 115; 248; 275; 279; 304; 357; 385; 450; 522; 545; 604; 618; 655;
679; 756; 759; 776; 827; 876] 1049; 1093; 1228; 1428

Columbia J. World Bus.--Columbia Journal of World Business
[751]

Commer. Vehic.--Commercial Vehicles
[743]

Commun. ACM--Communications of the Association for Computing Machinery
[21; 22; 30; 36; 57; 64; 101; 106; 330; 331; 366; 395; 396; 397; 398; 437;
453; 460; 482; 494; 523; 556; 582; 652; 702; 771]

Comput. Automat.--Computers & Automation
[530; 650] 1050; 1070; 1112; 1115; 1210; 1311; 1369; 1388; 1435; 1451

Comput. Bull.--Computer Bulletin
[807]

Comput. Data Process. News--Computers & Data Processing News
[306]

Comput. Design--Computer Design
[415]

Comput. J.--Computer Journal
[588; 805] 1291

Contr. Eng.--Control Engineering
[591]

Cybernetica (Namur)
1270

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D. C. Libr.--D. C. Libraries
[1004]

Data
[822]

Data Process.--Data Processing
1048; 1094; 1143; 1249; 1331; 1350; 1444; 1482

Data Process. Educ.--Data Processing for Education
[788; 1018]

Data Process. Mag.--Data Processing Magazine
[70; 278; 321; 410; 948] 1061; 1114; 1144-1446; 1230-1232; 1360; 1363; 1375;
1384; 1385; 1391; 1404-1410; 1459; 1460; 1476-1478; 1495; 1496

Datamation
[37; 45; 80; 196; 200; 268; 350; 373; 553; 565; 589; 623; 645; 662; 732;
806; 911; 935; 940; 941; 959; 1006] 1039; 1077; 1172; 1234; 1329; 1336; 1347;
1402

Design Compon. Eng.--Design & Components in Engineering
[817]

Design Electron.--Design Electronics
[519]

Digital Comput. Newslett.--Digital Computer Newsletter
[722; 736]

Discovery--Discovery
[761]

Drexel Libr. Quart.--Drexel Library Quarterly
[51; 68; 88; 113; 114; 179; 213; 250; 254; 349; 452]

Dun's Rev. Mod. Indus.--Dun's Review and Modern Industry
[884]

Economist
1113; 1282

EDP Weekly
1357

Ekon. Gaz. (USSR)--Ekonomicheskaya Gazeta (USSR)
[663]

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Electr. World--Electrical World
[635]

Electron. Eng.--Electronic Engineering
[906]

Electron. Ind.--Electronic Industries
[692; 810; 854] 1194

Electron. Power--Electronics and Power
[1013]

Electronics
[164; 708; 880; 904]

Elektrotehnika (USSR)
[5]

Engineer
[988]

Engineering
[579; 949] 1458

Ergonomics
[711] 1310

Fin. Exec.--Financial Executive
[630; 989]

Fomento (Lisbon)
[430]

Food Eng.--Food Engineering
[996]

For. Develop. Mach. Transl. Inform. Process.--Foreign Developments in Machine
Translation and Information Processing
[746] 1266

Found. Lang.--Foundations of Language
1278

Gac
[672]

Grid-Bull.--Grid-Bulletin
[719; 778]

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Harvard Bus. Rev.--Harvard Business Review
501; 754]

Herald Libr. Sci.--Herald of Library Science
271] 1089; 1271; 1416; 1449; 1457

Horn Book Mag.--Horn Book Magazine
344

Hosp. Progr.--Hospital Progress
381

Human Fact.--Human Factors
341

IASLIC Bull.--Indian Association of Special Libraries and Information
Centres Bulletin
383

ITUL Proc.--International Association of Technical University Libraries
Proceedings
154; 1158; 1340

IBM J. Res. Develop.--IBM Journal of Research and Development
27]

IBM Nach.--IBM Nachrichten
281

IEEE Proc.--IEEE Proceedings
566]

IEEE Spectrum
18; 129; 251; 295; 296; 374; 422; 458; 464; 470; 637; 856; 870] 1107; 1124;
149; 1240

IEEE Trans. Electron. Comput.--IEEE Transactions on Electronic Computers
33; 94; 136; 170; 333]

IEEE Trans. Eng. Manage.--IEEE Transactions on Engineering Management
117]

IEEE Trans. Eng. Writ. Speech--IEEE Transactions on Engineering Writing
and Speech
301] 1413

IEEE Trans. Hum. Factors Electron.--IEEE Transactions on Human Factors
and Electronics
505]

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IEEE Trans. Microwave Theory Tech.--IEEE Transactions on Microwave Theory
and Techniques
[1021]

Illinois Libr.--Illinois Libraries
1174

Ind. Electron.--Industrial Electronics
1312

Ind. Res. News--Industrial Research News
[924]

Indexer
[23; 24; 74; 100; 226; 317; 393]

Inform. Control.--Information and Control
[52; 576]

Inform. Display--Information Display
[195] 1038; 1045; 1133; 1134; 1214; 1242; 1268; 1306; 1327; 1348; 1354;
1374

Inform. Retr. Lett.--Information Retrieval Letter
[481; 831]

Inform. Stor. Retr.--Information Storage and Retrieval
1189; 1468

Inspel
1323; 1326

Int. Bus. Automat.--International Business Automation
1401

Int. Com.--International Commerce
[985]

Int. Sci. Technol.--International Science and Technology
[15; 123; 370; 463; 706; 707] 1325

Iron Age
[908]

J. Account.--Journal of Accountancy
[748]

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J. Amer. Coll. Health Assn.--Journal of the American College Health Association
[552]

J. Ass. Comput. Mach.--Journal of the Association for Computing Machinery
[768]

J. Chem. Doc.--Journal of Chemical Documentation
[65; 67; 109; 177; 210; 272; 282; 284; 473; 487; 664; 669; 728; 813; 832; 903; 921; 942; 997; 1008; 1019] 1044; 1176; 1222; 1226

J. Chem. Educ.--Journal of Chemical Education
[225]

J. Commun.--Journal of Communication
1334

J. Data Manage.--Journal of Data Management
1421

J. Doc.--Journal of Documentation
[72; 197; 511; 542; 643; 691; 760; 773; 795; 892; 896; 909; 1006; 1011]

J. Educ. Data Process.--Journal of Educational Data Processing
1027; 1493

J. Exp. Psychol.--Journal of Experimental Psychology
[793; 915]

J. Iron Steel Inst.--Journal of the Iron and Steel Institute
1378; 1483

J. Libr. Hist.--Journal of Library History
[539] 1379

J. Math. Anal. Appl.--Journal of Mathematical Analysis and Applications
[513]

J. Med. Ass. Alabama--Journal of the Medical Association of the State of Alabama
[818]

J. Med. Educ.--Journal of Medical Education
[712]

J. Optic. Soc. Amer.--Journal of the Optical Society of America
716]

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J. Petrol. Technol.--Journal of Petroleum Technology
[688]

J. Phil.--Journal of Philosophy
1441

J. Psychol.--Journal of Psychology
[301]

Karger Gaz.--Karger Gazette
1254

Knihovnik (Prague)
[249]

Lancet
[515]

Laryngoscope
[525]

Law Libr. J.--Law Library Journal
1437

Libr. Ass. Rec.--Library Association Record
[322; 471; 543] 1066; 1233; 1414; 1466; 1480

Libr. Congr. Inform. Bull.--Library of Congress Information Bulletin
1034; 1066; 1100; 1104; 1116; 1119; 1207; 1208; 1229; 1243; 1298; 1320;
1342; 1343; 1352; 1359; 1396; 1455; 1462

Libr. J.--Library Journal
[3; 29; 323; 341; 420; 483; 484; 499; 500; 502; 507; 514; 538; 540; 551;
572; 573; 627; 637; 651; 658; 661; 666; 668; 740; 744; 779; 783; 790; 815;
830; 835; 836; 872; 882; 899; 918; 939; 972; 995] 1035; 1052; 1087; 1130;
1179; 1218; 1225; 1265; 1322; 1338; 1355; 1424; 1434; 1486

Libr. Quart.--Library Quarterly
[546] 1488

Libr. Resour. Tech. Serv.--Library Resources & Technical Services
[32; 82; 85; 92; 132; 133; 137; 167; 209; 218; 238; 263; 267; 274; 332; 353;
384; 405; 429; 448; 451; 465; 858; 929; 952] 1074; 1088; 1102; 1135; 1167;
1200; 1202; 1292; 1308

Libr. Rev.--Library Review
1277

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Libr. Sci. Slant Doc.--Library Science with a Slant to Documentation
[527] 1387

Libr. Trends--Library Trends
[697]

Libr. World--Library World
[116] 1153; 1223

Libri
1284; 1465

Mach. Design--Machine Design
1053; 1303

Magyar Tud. (Hungary)--Magyar Tudomány (Hungary)
[862]

Manage. Account.--Management Accounting
1071

Manage. Rev.--Management Review
[642; 710]

Manage. Serv.--Management Services
1023; 1073; 1091; 1105; 1118; 1241; 1339; 1418; 1440; 1463

Manitoba Med. Rev.--Manitoba Medical Review
[695]

Manuf. Chem.--Manufacturing Chemist
1109; 1472

Manuf. Chem. Aerosol News--Manufacturing Chemist and Aerosol News
1246

Maroc Med.--Maroc Medicine
[676]

Mashinostroitel
1386

Mater. Design Eng.--Materials in Design Engineering
[675]

Mech. Eng.--Mechanical Engineering
[886] 1253

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Metal Finish.--Metal Finishing
[631]

Metalwork. Prod.--Metalworking Production
[816]

Meth. Inform. Med.--Methods of Information in Medicine
[50; 102; 130; 152; 159; 160; 302; 375; 383; 476] 1273

Missouri Med.--Missouri Medicine
[291]

Mod. Photograph.--Modern Photography
[931]

M.U.L.L.--Modern Uses of Logic in Law
1237

Music Libr. Ass. Notes--Music Library Association Notes
1293

Nach. Dok.--Nachrichten für Dokumentation
[118; 139; 142; 155; 180; 324; 381; 386; 412; 426] 1051; 1181; 1194; 1349;
1383; 1454

Nat. Ass. Sci. Writers Newslett.--National Association of Science Writers
Newsletter
[329]

Nat. Bur. Stand. Tech. News Bull.--National Bureau of Standards Technical
News Bulletin
[829; 958]

Nat. Micro-News--National Micro-News
[40] 1193

Nature
[233; 359]

Nauch.-Tekh. Inform.--Nauchno-Tekhnicheskaya Informatsiya (USSR)
[632; 925; 1014] 1266

Nauka Zhizn--Nauka i Zhizn (USSR)
[377]

Navy Manage. Rev.--Navy Management Review
[837]

N. C. Libr.--North Carolina Libraries
130+

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New Engl. J. Med.--New England Journal of Medicine
[39]

New Repub.--New Republic
1397

New Sci.--New Scientist
1211

NSRDS News--National Standards Reference Data Systems News
[829; 958] 1086; 1110; 1450

Occup. Psychol.--Occupational Psychology
[86]

Off. Equip.--Office Equipment
1380

Off. Meth. Mach.--Office Methods and Machines
1272

Office
[1002]

Ohio Libr. Ass. Bull.--Ohio Library Association Bulletin
1358

OMDK Modsz. Kiadv.--OMDK Módszertani Kiadványok
1376

Patent (USSR)
[25]

Percept. Motor Skills--Perceptual and Motor Skills
[685]

Percolator
[6; 55; 168; 428]

Phys. Today--Physics Today
[31; 269; 457; 541; 865; 984] 1192

Planovoe Khoz.--Planovoe Khozyaistvo (USSR)
[746]

PINLA Quart.--PINLA [Pacific Northwest Library Ass.] Quarterly
1257

Postgrad. Med. J.--Postgraduate Medical Journal
[592; 696]

Print in Brit.--Print in Britain
1260

Print. Technol.--Printing Technology
[626]

Probl. Pered. Inform. (USSR)--Problemy Peredachi Informatsii (USSR)
[986]

Prod. Eng.--Product Engineering
[81; 503; 611; 739; 824; 881; 983]

Program
1301; 1491

Psychol. Reports--Psychological Reports
[701]

Publ. Week.--Publisher's Weekly
[581; 605; 628; 784; 789] 1439

Pulp & Paper Mag. Can.--Pulp and Paper Magazine of Canada
[49]

Quart. J. Libr. Cong.--Quarterly Journal of the Library of Congress
[526]

Radio Electron. Eng.--Radio & Electronic Engineer
[834]

Radiology
[975]

Read. Dig.--Reader's Digest
[734]

Recent Develop. (CLR)--Recent Developments (Council on Library Resources)
[16; 35; 191; 192; 193; 194; 244; 356; 358; 382; 401; 432; 509; 682; 683;
738; 845; 923] 1127

Res./Develop.--Research/Development
[87; 690]

Res. Rev.--Research Review (Office of Aerospace Research)
[964] 1452

Res. Lab. Bull.--Research Laboratory Bulletin (General Electric Co.)
[409]

Rev. Int. Doc.--Revue Internationale de la Documentation
[125; 171; 231; 325]

Sat. Rev.--Saturday Review
[961]

Sci. Amer.--Scientific American
[800; 828; 851; 871; 951; 957; 960] 1120; 1165; 1171; 1197; 1302

Sci. Inform. Notes--Scientific Information Notes
[537; 561; 578; 607; 608; 625; 638; 640; 654; 735; 786; 787; 825; 848; 885;
900; 901; 926; 974; 991; 992]

Sci. J.--Science Journal
1372; 1467

Sci-Tech News
[91; 260; 415; 891; 894; 953]

Science
[1; 2; 53; 157; 162; 305; 344; 345; 468; 478; 486; 517; 599; 624; 684; 686;
777; 814; 857; 864; 878; 936; 980; 1017] 1022; 1076; 1203; 1307; 1335

SDC Mag.--SDC Magazine
[402; 559]

Signal
[677]

Southeast. Libr.--Southeastern Librarian
[205]

Sovet. Belorussiya--Sovetskaya Belorussiya (USSR)
1386

Spec. Libr.--Special Libraries
[7; 12; 13; 38; 41; 48; 60; 61; 62; 63; 90; 95; 112; 119; 126; 130; 146;
204; 214; 215; 216; 217; 236; 240; 253; 264; 265; 266; 273; 286; 289; 294;
327; 352; 354; 355; 360; 361; 363; 367; 399; 407; 414; 419; 454; 456; 521;
536; 557; 574; 770; 890] 1037; 1046; 1096; 1137; 1184; 1215; 1345; 1362;
1411; 1429; 1436; 1461; 1471; 1484

Statist. Prax.--Statistische Praxis (East Germany)
[772]

Steel
[839; 883]

Stud. Cercet. Geofiz.--Studii si Cercetari de Geofizica
[746]

Survey. Munic. Eng.--Surveyor and Municipal Engineer
[563]

Syst. Proced. J.--Systems and Procedures Journal
1026; 1042; 1151; 1236; 1283

Systems
[11; 497; 506; 600; 617; 646; 723; 725; 730; 796; 799; 823; 843; 855; 866;
879; 919; 956; 981; 982; 998] 1080; 1090; 1111; 1140; 1152; 1170; 1212; 1332;
1356; 1473

TAPPI--TAPPI (Technical Association of the Pulp and Paper Industry)
[766]

Tech. Knih.--Technicka Knihovna
1382; 1447

Tech. News Bull. (NBS)--Technical News Bulletin (National Bureau of
Standards)
[829; 958] 1086; 1110; 1450

Tekh. Voor.--Tekhnika i Vooruzhenie (USSR)
[764]

Textile Inst. Ind.--Textile Institute and Industry
1395

Text. World--Textile World
[844]

Tidschr. Dok. (Sweden)--Tidschrift för Dokumentation
[293]

Tijdschr. Effic. Doc.--Tijdschrift voor Efficiëntie en Documentatie
1431

Transfusion
[718]

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LA Libr.--UCLA Librarian
204

LA Med.--UCLA Medicine
39

ESCO Bull. Libr.--UNESCO Bulletin for Libraries
62; 590; 689; 869; 928] 1245; 1346; 1479

rp. Yazykoz.--Voprosy Yazykoznaniya
98

ll St. J.--Wall Street Journal
21]

st. Union Tech. Rev.--Western Union Technical Review
24]

lson Libr. Bull.--Wilson Library Bulletin
87; 447; 577; 835; 874] 1117; 1121; 1328

entralbl. Bibl.--Zentralblatt für Bibliothekswesen
85; 1316

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